Search history

```
=> d his full

     (FILE 'HOME' ENTERED AT 13:39:06 ON 21 NOV 2005)

     FILE 'STNGUIDE' ENTERED AT 13:39:12 ON 21 NOV 2005
                    D SAV

     FILE 'REGISTRY' ENTERED AT 14:52:06 ON 21 NOV 2005
L1              STRUCTURE UPLOADED
L2          1 SEA SSS SAM L1
                    D SCA

     FILE 'STNGUIDE' ENTERED AT 14:53:30 ON 21 NOV 2005

     FILE 'REGISTRY' ENTERED AT 14:54:18 ON 21 NOV 2005
L3              STRUCTURE UPLOADED
L4          2 SEA SSS SAM L3
                    D SCA

     FILE 'STNGUIDE' ENTERED AT 14:55:19 ON 21 NOV 2005

     FILE 'REGISTRY' ENTERED AT 15:03:54 ON 21 NOV 2005
L5              STRUCTURE UPLOADED
L6         12 SEA SSS SAM L5
                    D SCA
L7       1073 SEA SSS FUL L5
                    SAVE L7 HOF063STRW/A

     FILE 'CAPLUS' ENTERED AT 15:08:31 ON 21 NOV 2005
L8         66 SEA ABB=ON  PLU=ON  L7

     FILE 'STNGUIDE' ENTERED AT 15:08:51 ON 21 NOV 2005

     FILE 'REGISTRY' ENTERED AT 15:44:54 ON 21 NOV 2005
L9              STRUCTURE UPLOADED
L10        50 SEA SUB=L7 SSS SAM L9
L11       873 SEA SUB=L7 SSS FUL L9
                    SAVE L11 HOF063STRX/A

     FILE 'CAPLUS' ENTERED AT 15:49:35 ON 21 NOV 2005
L12        59 SEA ABB=ON  PLU=ON  L11

     FILE 'STNGUIDE' ENTERED AT 15:49:55 ON 21 NOV 2005

     FILE 'REGISTRY' ENTERED AT 16:26:38 ON 21 NOV 2005
L13             STRUCTURE UPLOADED
L14        29 SEA SUB=L11 SSS SAM L13
L15       506 SEA SUB=L11 SSS FUL L13
                    SAVE L15 HOF063STRY/A

     FILE 'CAPLUS' ENTERED AT 16:31:22 ON 21 NOV 2005
L16         8 SEA ABB=ON  PLU=ON  L15

     FILE 'REGISTRY' ENTERED AT 16:35:47 ON 21 NOV 2005

     FILE 'CAPLUS' ENTERED AT 16:35:52 ON 21 NOV 2005

     FILE 'REGISTRY' ENTERED AT 16:36:18 ON 21 NOV 2005
L17             ANALYZE PLU=ON  L15 1- LC :        5 TERMS
```

                    D

            FILE 'USPATFULL' ENTERED AT 16:37:34 ON 21 NOV 2005
L18   4 SEA ABB=ON PLU=ON L15

            FILE 'TOXCENTER' ENTERED AT 16:37:45 ON 21 NOV 2005
L19   5 SEA ABB=ON PLU=ON L15

            FILE 'CASREACT' ENTERED AT 16:37:56 ON 21 NOV 2005
L20   1 SEA ABB=ON PLU=ON L15

        FILE 'STNGUIDE' ENTERED AT 16:38:20 ON 21 NOV 2005
                D L17

        FILE 'REGISTRY' ENTERED AT 16:38:48 ON 21 NOV 2005
                D STAT QUE L15
                D QUE L17
                D L17

        FILE 'REGISTRY' ENTERED AT 16:41:07 ON 21 NOV 2005
                D STAT QUE L15
                D L17

        FILE HOME

        FILE STNGUIDE
        FILE CONTAINS CURRENT INFORMATION.
        LAST RELOADED: Nov 11, 2005 (20051111/UP).

        FILE REGISTRY
        Property values tagged with IC are from the ZIC/VINITI data file
        provided by InfoChem.

        STRUCTURE FILE UPDATES: 20 NOV 2005   HIGHEST RN 868524-25-8
        DICTIONARY FILE UPDATES: 20 NOV 2005   HIGHEST RN 868524-25-8

        New CAS Information Use Policies, enter HELP USAGETERMS for details.

        TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

           Please note that search-term pricing does apply when
           conducting SmartSELECT searches.

        ****
        *   *
        * The CA roles and document type information have been removed from *
        * the IDE default display format and the ED field has been added, *
        * effective March 20, 2005. A new display format, IDERL, is now   *
        * available and contains the CA role and document type information. *
        *   *
        ****

        Structure search iteration limits have been increased. See HELP SLIMITS
        for details.

        REGISTRY includes numerically searchable data for experimental and
        predicted properties as well as tags indicating availability of
        experimental property data in the original document. For information

on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

FILE CAPLUS

Copyright of the articles to which records in this database refer is
held by the publishers listed in the PUBLISHER (PB) field (available
for records published or updated in Chemical Abstracts after December
26, 1996), unless otherwise indicated in the original publications.
The CA Lexicon is the copyrighted intellectual property of the
American Chemical Society and is provided to assist you in searching
databases on STN. Any dissemination, distribution, copying, or storing
of this information, without the prior written consent of CAS, is
strictly prohibited.

FILE COVERS 1907 - 21 Nov 2005 VOL 143 ISS 22
FILE LAST UPDATED: 20 Nov 2005 (20051120/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

FILE USPATFULL
FILE COVERS 1971 TO PATENT PUBLICATION DATE: 17 Nov 2005 (20051117/PD)
FILE LAST UPDATED: 17 Nov 2005 (20051117/ED)
HIGHEST GRANTED PATENT NUMBER: US6966066
HIGHEST APPLICATION PUBLICATION NUMBER: US2005257307
CA INDEXING IS CURRENT THROUGH 17 Nov 2005 (20051117/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 17 Nov 2005 (20051117/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2005
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2005

>>> USPAT2 is now available. USPATFULL contains full text of the   <<<
>>> original, i.e., the earliest published granted patents or   <<<
>>> applications. USPAT2 contains full text of the latest US   <<<
>>> publications, starting in 2001, for the inventions covered in   <<<
>>> USPATFULL. A USPATFULL record contains not only the original   <<<
>>> published document but also a list of any subsequent   <<<
>>> publications. The publication number, patent kind code, and   <<<
>>> publication date for all the US publications for an invention   <<<
>>> are displayed in the PI (Patent Information) field of USPATFULL <<<
>>> records and may be searched in standard search fields, e.g., /PN, <<<
>>> /PK, etc.   <<<

>>> USPATFULL and USPAT2 can be accessed and searched together   <<<
>>> through the new cluster USPATALL. Type FILE USPATALL to   <<<
>>> enter this cluster.   <<<
>>>   <<<
>>> Use USPATALL when searching terms such as patent assignees,   <<<
>>> classifications, or claims, that may potentially change from   <<<
>>> the earliest to the latest publication.   <<<

This file contains CAS Registry Numbers for easy and accurate
substance identification.

FILE TOXCENTER

FILE COVERS 1907 TO 15 Nov 2005 (20051115/ED)

This file contains CAS Registry Numbers for easy and accurate substance
identification.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TOXCENTER has been enhanced with new files segments and search fields.
See HELP CONTENT for more information.

TOXCENTER thesauri in the /CN, /CT, and /MN fields incorporate the
MeSH 2005 vocabulary. See http://www.nlm.nih.gov/mesh/ and
http://www.nlm.nih.gov/pubs/techbull/nd04/nd04_mesh.html for a
description of changes.

FILE CASREACT
Copyright of the articles to which records in this database refer is
held by the publishers listed in the PUBLISHER (PB) field (available
for records published or updated in Chemical Abstracts after December
26, 1996), unless otherwise indicated in the original publications.

FILE CONTENT:1840 - 20 Nov 2005 VOL 143 ISS 21

New CAS Information Use Policies, enter HELP USAGETERMS for details.

```
************************************************************
*                                                         *
*      CASREACT now has more than 9.2 million reactions   *
*                                                         *
************************************************************
```

Some CASREACT records are derived from the ZIC/VINITI database (1974-1991)
provided by InfoChem, INPI data prior to 1986, and Biotransformations
database compiled under the direction of Professor Dr. Klaus Kieslich.

This file contains CAS Registry Numbers for easy and accurate substance
identification.
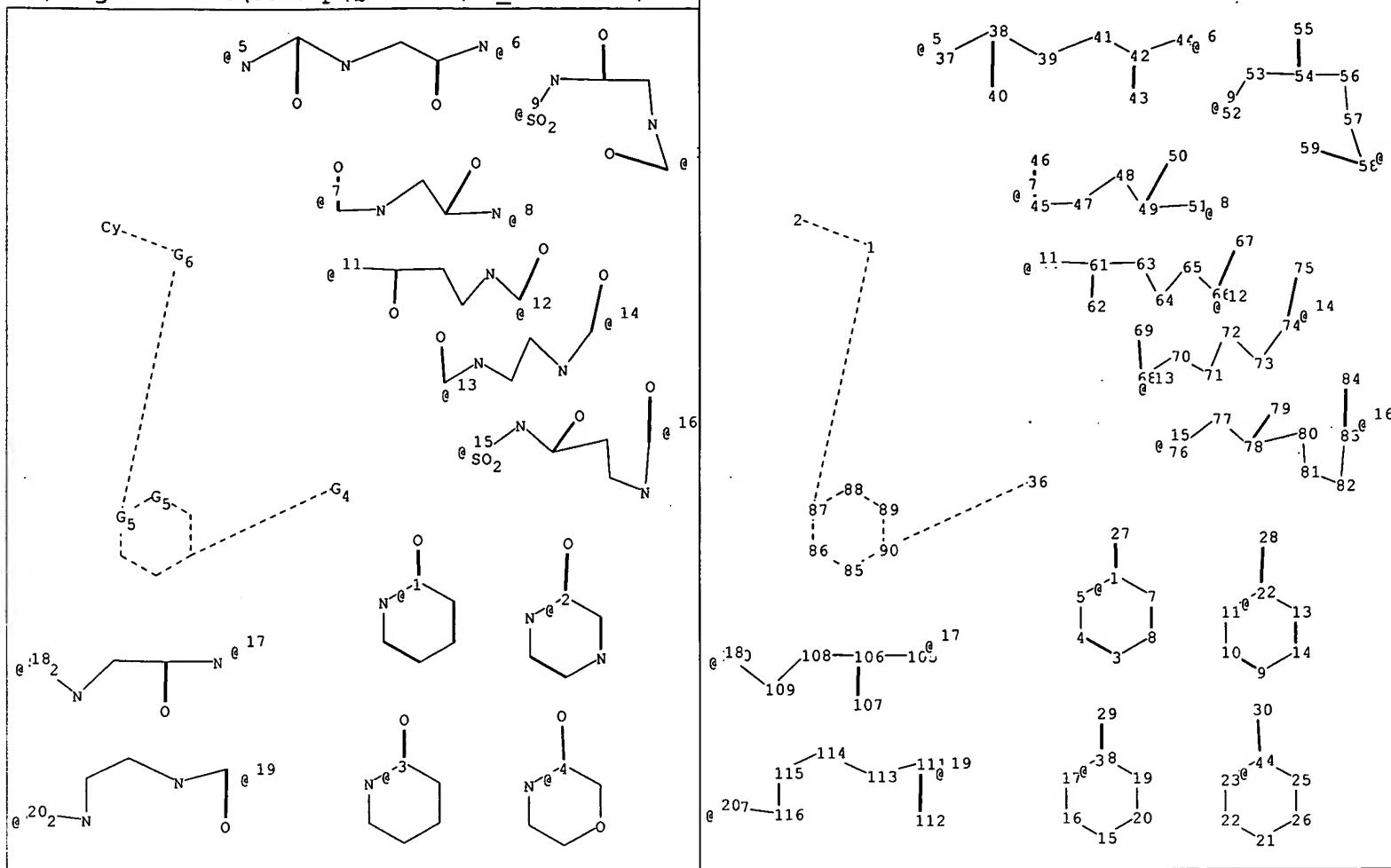
chain nodes :
```
    2   27   28   29   30   36   37   38   39   40   42   43   44   45   46   47   49   50   51   52   53   54   55
   57   58   59   60   61   62   65   66   67   68   69   70   73   74   75   76   77   78   79   82   83   84
  105  106  107  109  110  111  112  113  116  117
```
ring nodes :
```
    3    4    5    6    7    8    9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24   25   26
   85   86   87   88   89   90
```
ring/chain nodes :
```
    1   41   48   56   63   64   71   72   80   81  108  114  115
```
chain bonds :
```
   1-2   1-87   6-27   12-28   18-29   24-30   36-90   37-38   38-39   38-40   39-41   41-42   42-43
   42-44   45-46   45-47   47-48   48-49   49-50   49-51   52-53   53-54   54-55   54-56   56-57   57-58
   58-59   60-61   61-62   61-63   64-65   65-66   66-67   68-69   68-70   70-71   72-73   73-74   74-75
   76-77   77-78   78-79   78-80   81-82   82-83   83-84   105-106   106-107   106-108   108-109
   109-110   111-112   111-113   113-114   115-116   116-117
```
ring/chain bonds :
```
   63-64   71-72   80-81   114-115
```
ring bonds :
```
   3-4   3-8   4-5   5-6   6-7   7-8   9-10   9-14   10-11   11-12   12-13   13-14   15-16   15-20   16-17
   17-18   18-19   19-20   21-22   21-26   22-23   23-24   24-25   25-26   85-86   85-90   86-87   87-88
   88-89   89-90
```
exact/norm bonds :
```
   1-2   1-87   3-4   3-8   4-5   5-6   6-7   6-27   7-8   9-10   9-14   10-11   11-12   12-13   12-28
   13-14   15-16   15-20   16-17   17-18   18-19   18-29   19-20   21-22   21-26   22-23   23-24   24-25
   24-30   25-26   36-90   37-38   38-39   38-40   39-41   41-42   42-43   42-44   45-46   45-47   47-48
   48-49   49-50   49-51   52-53   53-54   54-55   54-56   56-57   57-58   58-59   60-61   61-62   61-63
   63-64   64-65   65-66   66-67   68-69   68-70   70-71   71-72   72-73   73-74   74-75   76-77   77-78
   78-79
```

78-80   80-81   81-82   82-83   83-84   85-86   85-90   86-87   87-88   88-89   89-90
105-106   106-107   106-108   108-109   109-110   111-112   111-113   113-114   114-115   115-116
116-117

G4:[*1],[*2],[*3],[*4]

G5:C,N

G6:[*5-*6],[*7-*8],[*9-*10],[*11-*12],[*13-*14],[*15-*16],[*17-*18],[*19-*20]

Match level :
    1:CLASS   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:Atom   10:Atom   11:Atom
    12:Atom   13:Atom   14:Atom   15:Atom   16:Atom   17:Atom   18:Atom   19:Atom   20:Atom   21:Atom
    22:Atom   23:Atom   24:Atom   25:Atom   26:Atom   27:CLASS   28:CLASS   29:CLASS   30:CLASS
    36:CLASS   37:CLASS   38:CLASS   39:CLASS   40:CLASS   41:CLASS   42:CLASS   43:CLASS   44:CLASS
    45:CLASS   46:CLASS   47:CLASS   48:CLASS   49:CLASS   50:CLASS   51:CLASS   52:CLASS   53:CLASS
    54:CLASS   55:CLASS   56:CLASS   57:CLASS   58:CLASS   59:CLASS   60:CLASS   61:CLASS   62:CLASS
    63:CLASS   64:CLASS   65:CLASS   66:CLASS   67:CLASS   68:CLASS   69:CLASS   70:CLASS   71:CLASS
    72:CLASS   73:CLASS   74:CLASS   75:CLASS   76:CLASS   77:CLASS   78:CLASS   79:CLASS   80:CLASS
    81:CLASS   82:CLASS   83:CLASS   84:CLASS   85:Atom   86:Atom   87:Atom   88:Atom   89:Atom
    90:Atom   105:CLASS   106:CLASS   107:CLASS   108:CLASS   109:CLASS   110:CLASS   111:CLASS
    112:CLASS   113:CLASS   114:CLASS   115:CLASS   116:CLASS   117:CLASS

C:\Program Files\Stnexp\Queries\10_10677063\hof-x.str
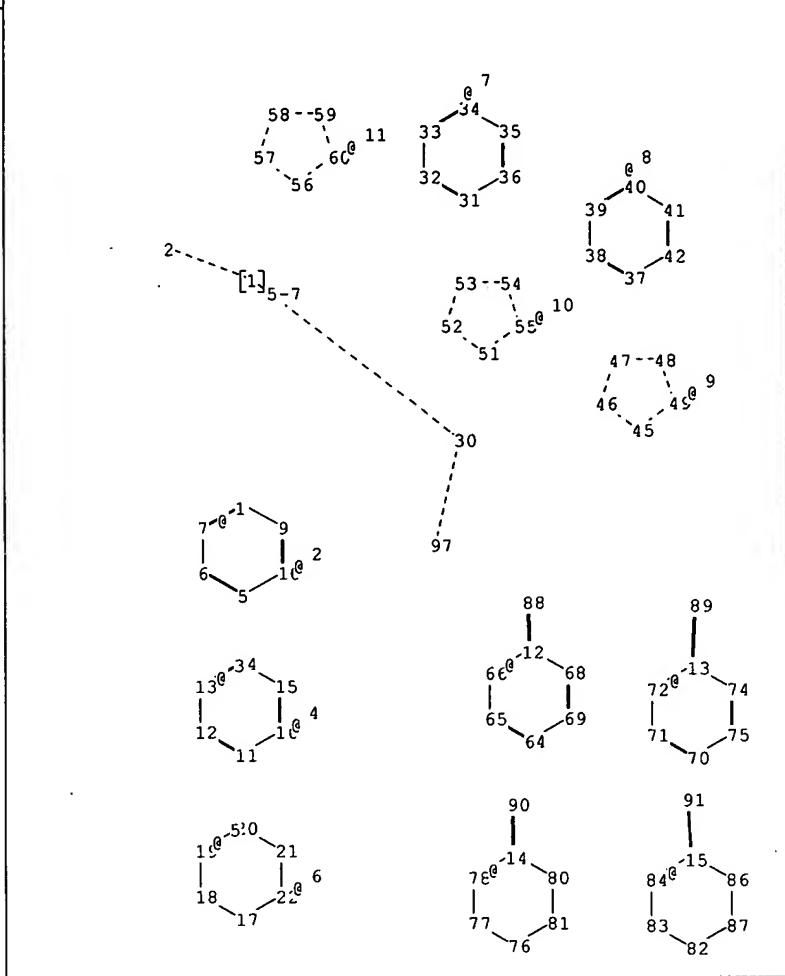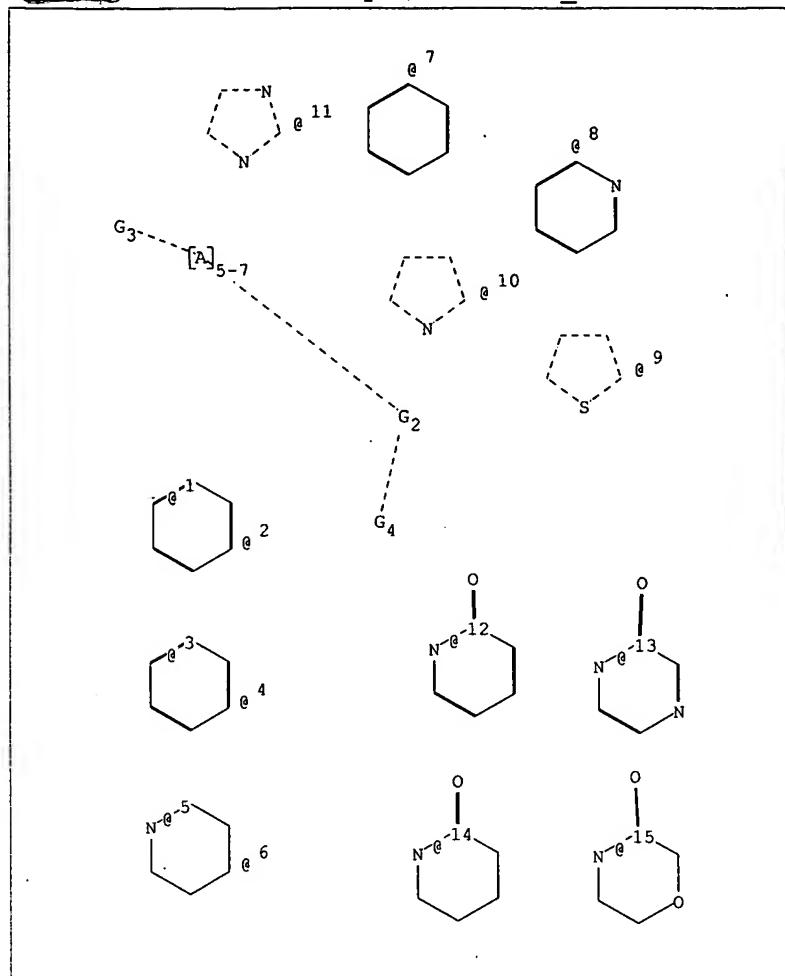
chain nodes :
    2   30   88   89   90   91   97
ring nodes :
    5   6   7   8   9   10   11   12   13   14   15   16   17   18   19   20   21   22   31   32   33   34   35   36
    37   38   39   40   41   42   45   46   47   48   49   51   52   53   54   55   56   57   58   59   60   64
    65   66   67   68   69   70   71   72   73   74   75   76   77   78   79   80   81   82   83   84   85   86
    87
ring/chain nodes :
    1
chain bonds :
    1-2   1-30   30-97   67-88   73-89   79-90   85-91
ring bonds :
    5-6   5-10   6-7   7-8   8-9   9-10   11-12   11-16   12-13   13-14   14-15   15-16   17-18   17-22
    18-19   19-20   20-21   21-22   31-32   31-36   32-33   33-34   34-35   35-36   37-38   37-42   38-39
    39-40   40-41   41-42   45-46   45-49   46-47   47-48   48-49   51-52   51-55   52-53   53-54   54-55
    56-57   56-60   57-58   58-59   59-60   64-65   64-69   65-66   66-67   67-68   68-69   70-71   70-75
    71-72   72-73   73-74   74-75   76-77   76-81   77-78   78-79   79-80   80-81   82-83   82-87   83-84
    84-85   85-86   86-87
exact/norm bonds :
    1-2   1-30   17-18   17-22   18-19   19-20   20-21   21-22   30-97   45-46   45-49   46-47   47-48
    48-49   51-52   51-55   52-53   53-54   54-55   56-57   56-60   57-58   58-59   59-60   64-65   64-69
    65-66   66-67   67-68   67-88   68-69   70-71   70-75   71-72   72-73   73-74   73-89   74-75   76-77
    76-81   77-78   78-79   79-80   79-90   80-81   82-83   82-87   83-84   84-85   85-86   85-91   86-87
normalized bonds :
    5-6   5-10   6-7   7-8   8-9   9-10   11-12   11-16   12-13   13-14   14-15   15-16   31-32   31-36
    32-33   33-34   34-35   35-36   37-38   37-42   38-39   39-40   40-41   41-42

G2: [*1-*2], [*3-*4], [*5-*6]

G3: [*7], [*8], [*9], [*10], [*11]

G4: [*12], [*13], [*14], [*15]

Match level :
```
    1:CLASS   2:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:Atom  10:Atom  11:Atom  12:Atom
   13:Atom  14:Atom  15:Atom  16:Atom  17:Atom  18:Atom  19:Atom  20:Atom  21:Atom  22:Atom
   30:CLASS  31:Atom  32:Atom  33:Atom  34:Atom  35:Atom  36:Atom  37:Atom  38:Atom  39:Atom
   40:Atom  41:Atom  42:Atom  45:Atom  46:Atom  47:Atom  48:Atom  49:Atom  51:Atom  52:Atom
   53:Atom  54:Atom  55:Atom  56:Atom  57:Atom  58:Atom  59:Atom  60:Atom  64:Atom  65:Atom
   66:Atom  67:Atom  68:Atom  69:Atom  70:Atom  71:Atom  72:Atom  73:Atom  74:Atom  75:Atom
   76:Atom  77:Atom  78:Atom  79:Atom  80:Atom  81:Atom  82:Atom  83:Atom  84:Atom  85:Atom
   86:Atom  87:Atom  88:CLASS  89:CLASS  90:CLASS  91:CLASS  97:CLASS
```

C:\Program Files\Stnexp\Queries\10_10677063\hof-w.str
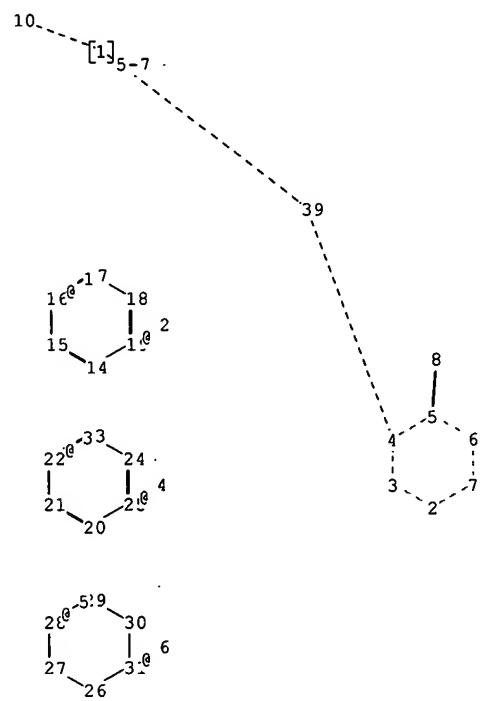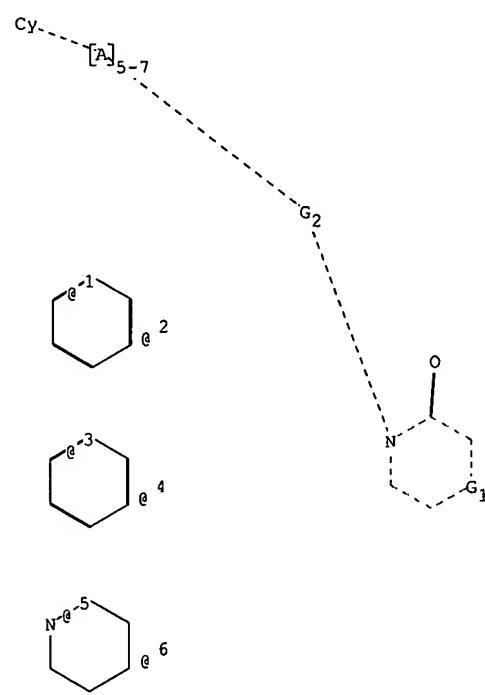

```
chain nodes :
    8   10   39
ring nodes :
    2    3    4    5    6    7   14   15   16   17   18   19   20   21   22   23   24   25   26   27   28   29   30   31
ring/chain nodes :
    1
chain bonds :
    1-10   1-39   4-39   5-8
ring bonds :
    2-3   2-7   3-4   4-5   5-6   6-7   14-15   14-19   15-16   16-17   17-18   18-19   20-21   20-25
    21-22   22-23   23-24   24-25   26-27   26-31   27-28   28-29   29-30   30-31
exact/norm bonds :
    1-10   1-39   2-3   2-7   3-4   4-5   4-39   5-6   5-8   6-7   26-27   26-31   27-28   28-29   29-30
    30-31
normalized bonds :
    14-15   14-19   15-16   16-17   17-18   18-19   20-21   20-25   21-22   22-23   23-24   24-25
isolated ring systems :
    containing 2 :
```

G1:C,O,N

G2:[*1-*2],[*3-*4],[*5-*6]

```
Match level :
    1:CLASS   2:Atom   3:Atom   4:Atom   5:CLASS   6:Atom   7:CLASS   8:CLASS   10:Atom   14:Atom
    15:Atom   16:Atom   17:Atom   18:Atom   19:Atom   20:Atom   21:Atom   22:Atom   23:Atom   24:Atom
    25:Atom
```

25:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 39:CLASS
Generic attributes :
    10:
    Saturation   : Unsaturated

STRUCTURES
FROM CLAIM 8

(conversion from text to
structure in ChemDraw)
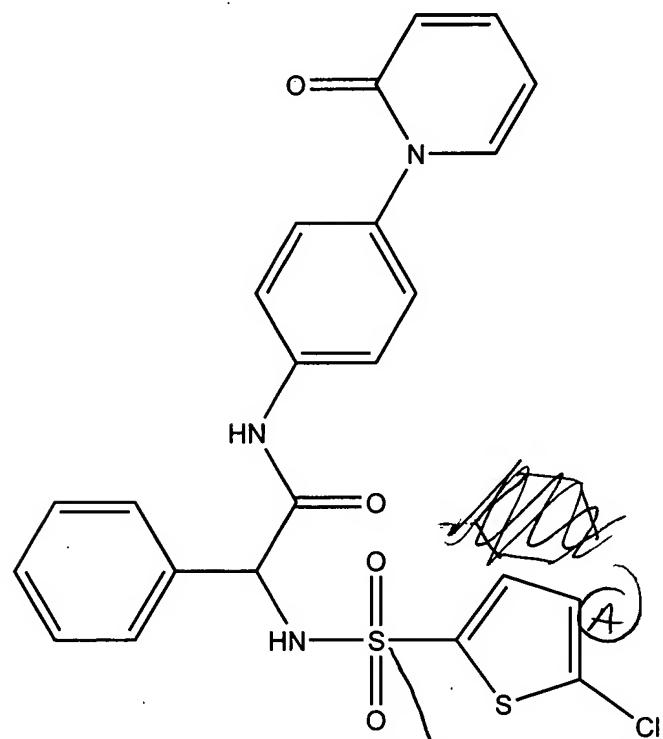
2-(5-chloro-thiophene-2-sulfonylamino)-N-[4-(2-oxo-2H-pyridin-1-yl)-phenyl]-2-phenyl-acetamide
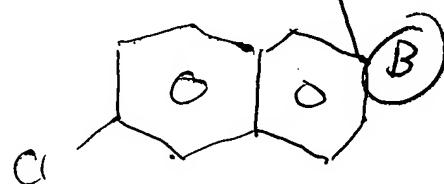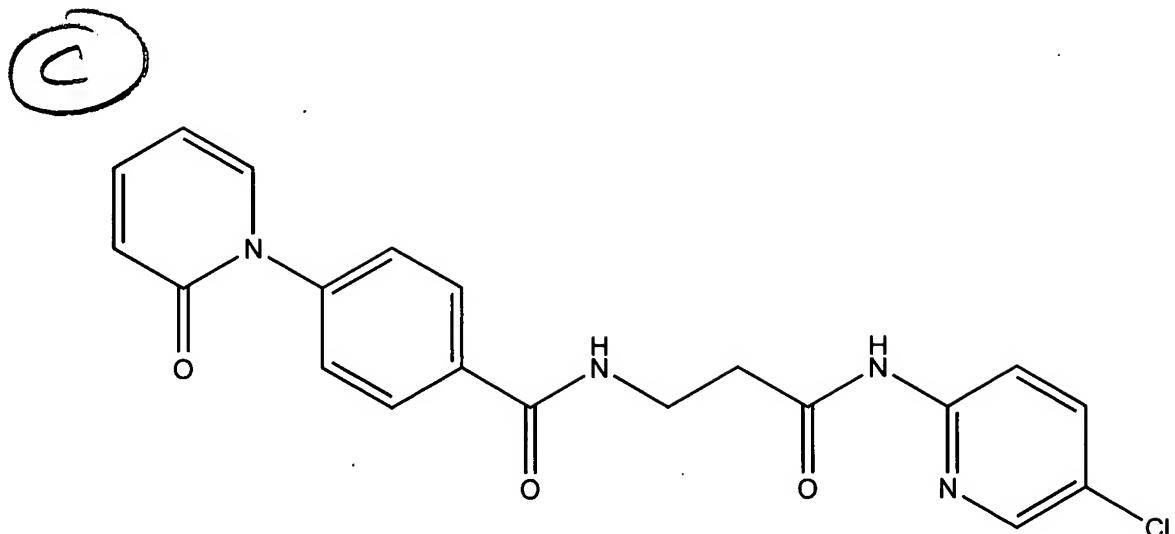
N-[2-(5-chloro-pyridin-2-ylcarbamoyl)ethyl]-4-(2-oxo-2H-pyridin-1-yl)benzamide
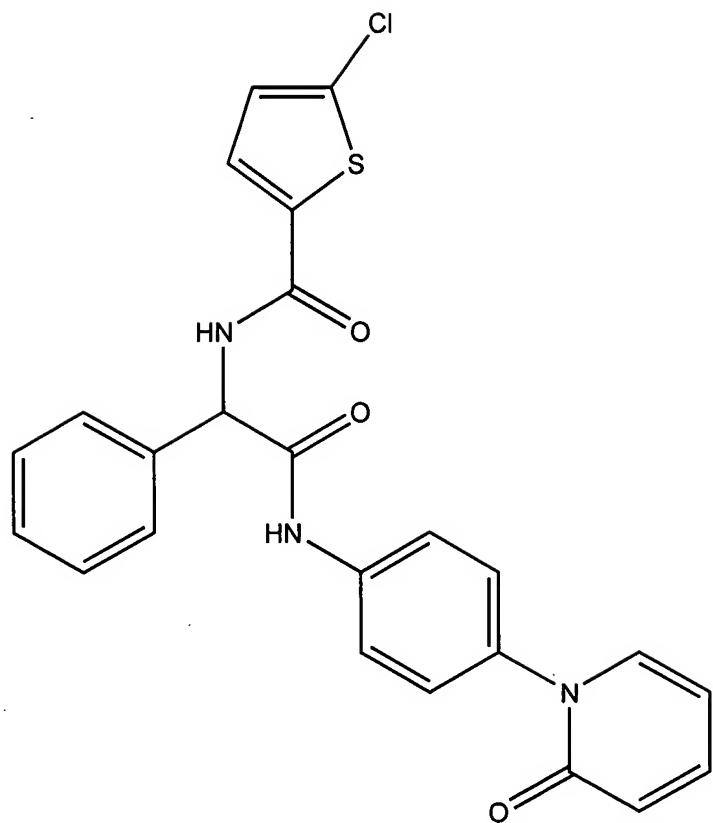
5-chloro-thiophene-2-carboxylic acid {[4-(2-oxo-2H-pyridin-1-yl)-phenylcarbamoyl]-phenyl-methyl}-amide
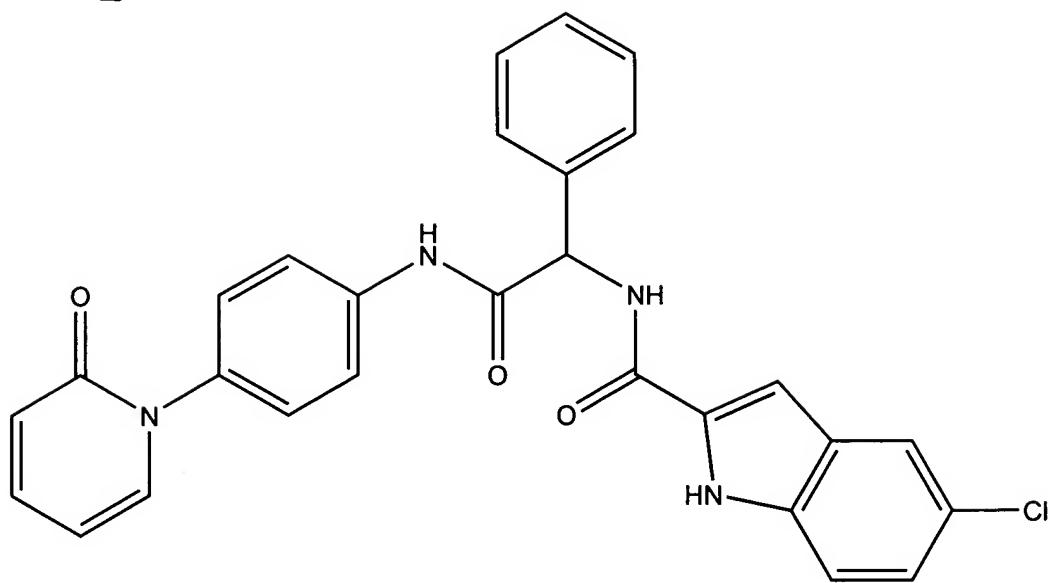
5-chloro-1H-indole-2-carboxylic acid {[4-(2-oxo-2H-pyridin-1-yl)-phenylcarbamoyl]-phenyl-methyl}-amide
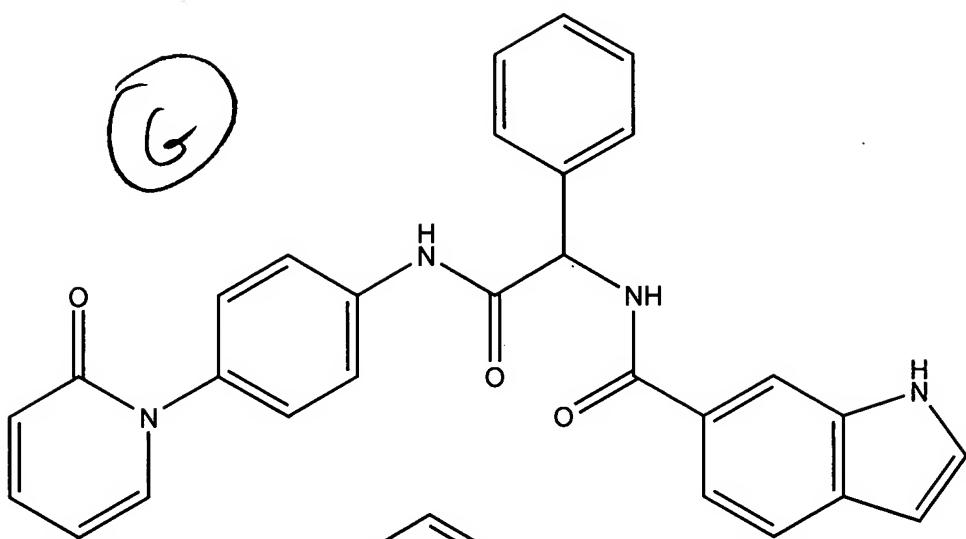
1H-indole-6-carboxylic acid {[4-(2-oxo-2H-pyridin-1-yl)-phenylcarbamoyl]-phenyl-methyl}-amide
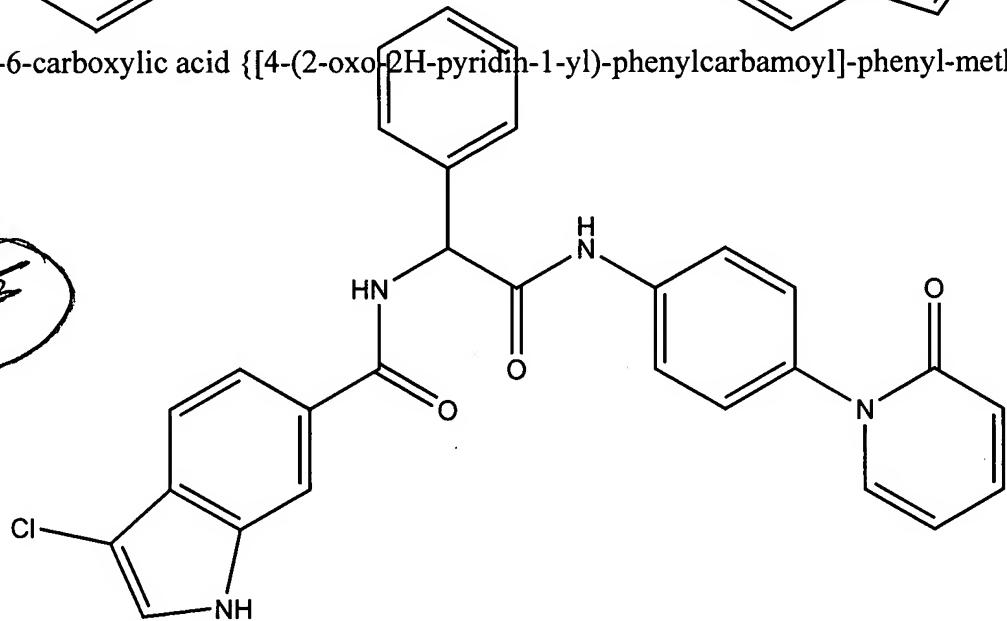
3-chloro-1H-indole-6-carboxylic acid {[4-(2-oxo-2H-pyridin-1-yl)-phenylcarbamoyl]-phenyl-methyl}-amide
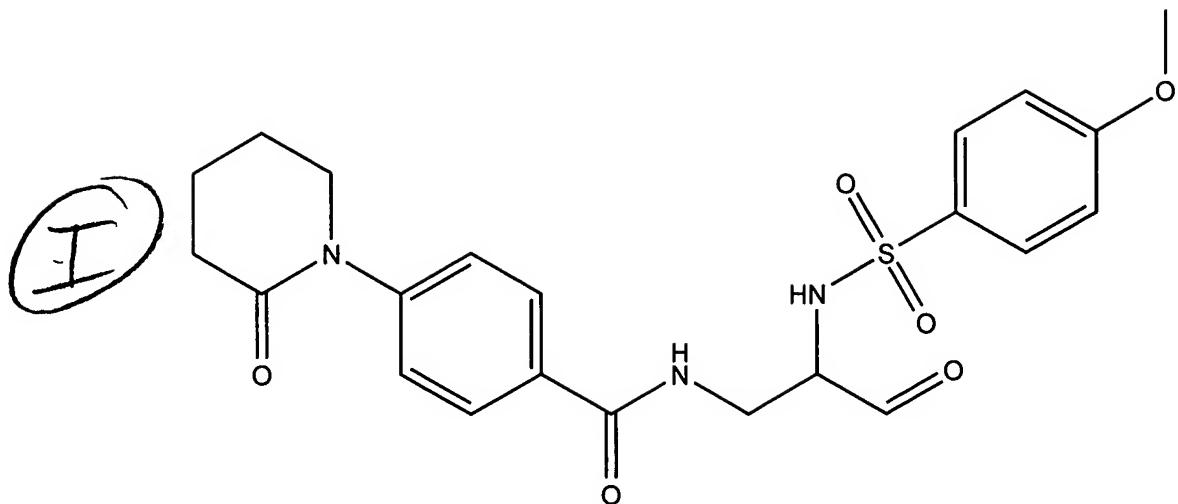
N-[beta-(4-methoxyl-benzenesulfonylamino)-3-oxo-propyl]-4-(2-oxo-piperidin-1-yl)-benzamide
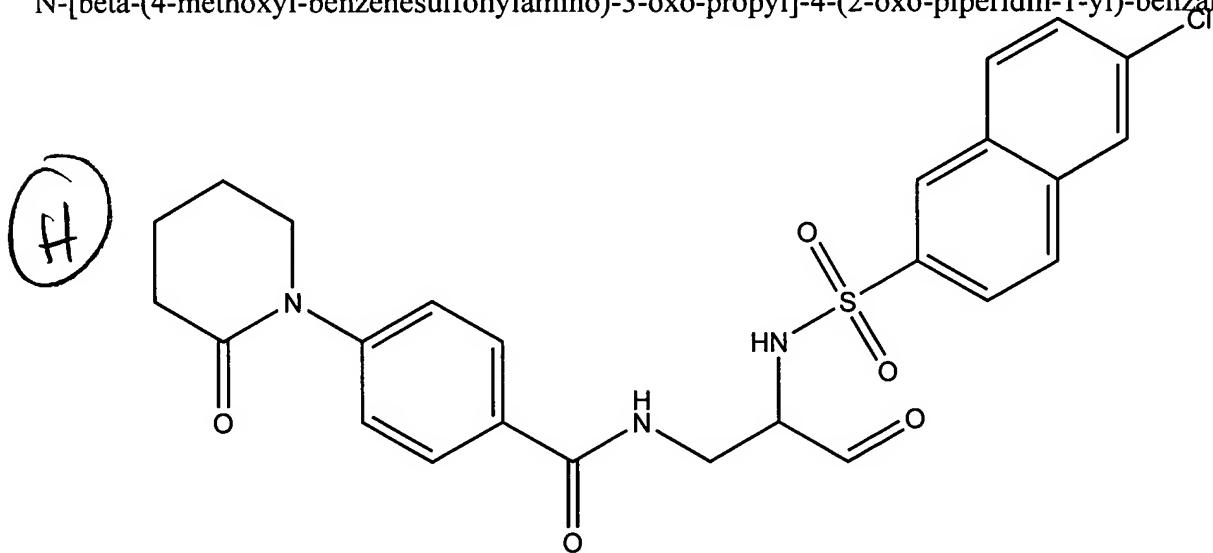
N-[beta-(6-chloro-naphthalene-2-sulfonylamino)-3-oxo-propyl]-4-(2-oxo-piperidin-1-yl)-benzamide
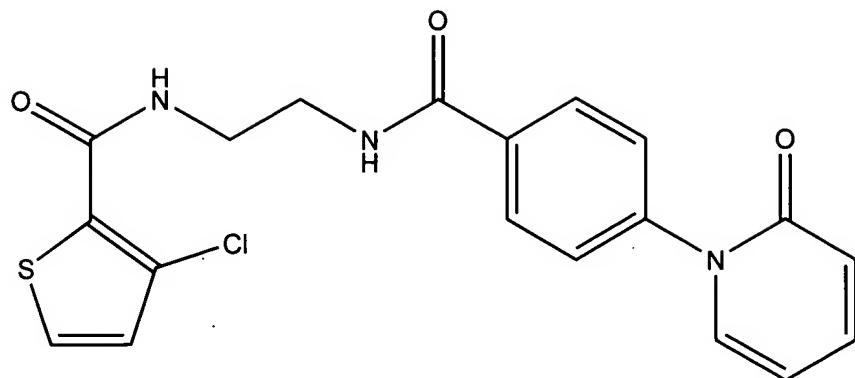
3-chloro-thiophene-2-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)benzoylamino]ethyl}amide
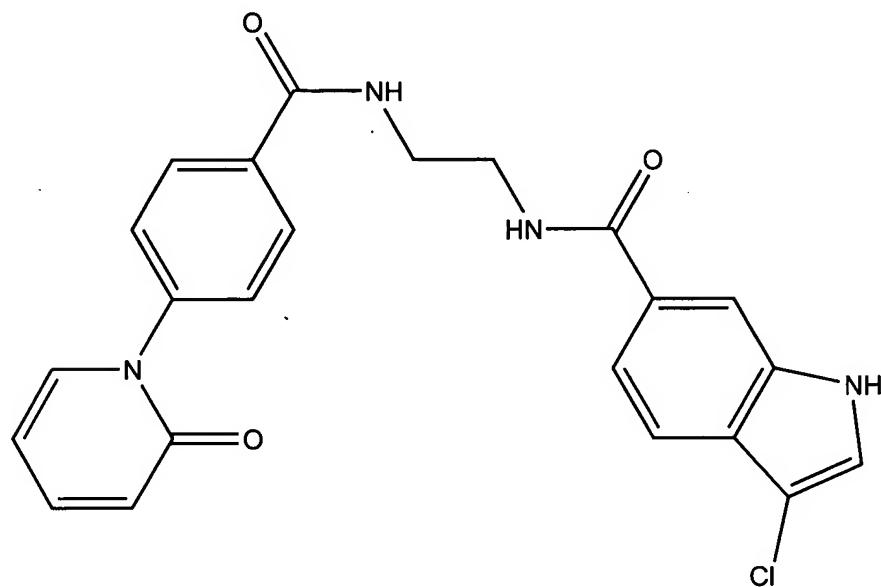
3-chloro-1H-indole-6-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)benzoylamino]ethyl}amide
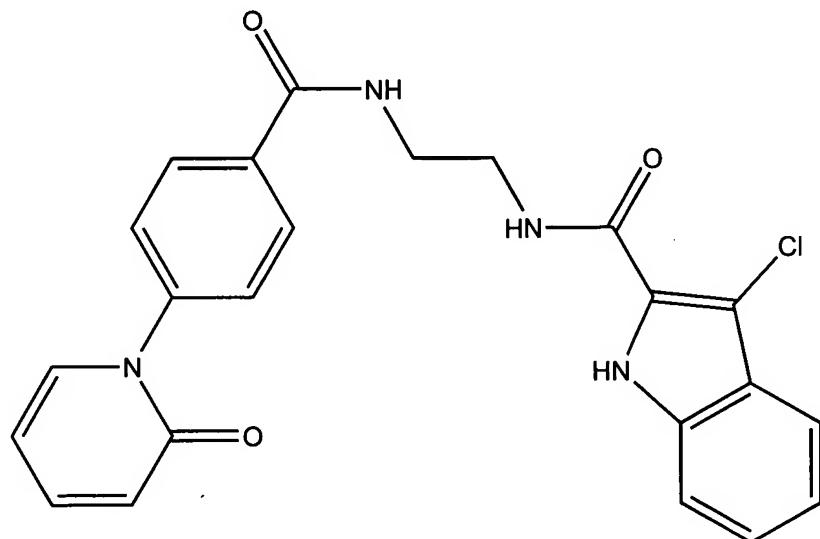

3-chloro-1H-indole-2-carboxylic acid {2-[4-(2-oxo-2H-pyridin-1-yl)benzoylamino]ethyl}amide

N
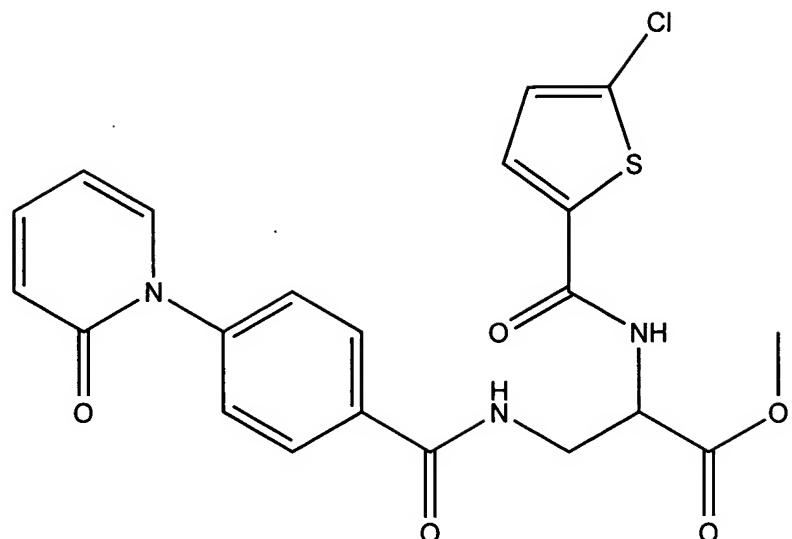
2-[(5-chloro-thiophene-2-carbonyl)-amino]-3-[4-(2-oxo-2H-pyridin-1-yl)-benzoylamino]-propionic acid methyl ester

M
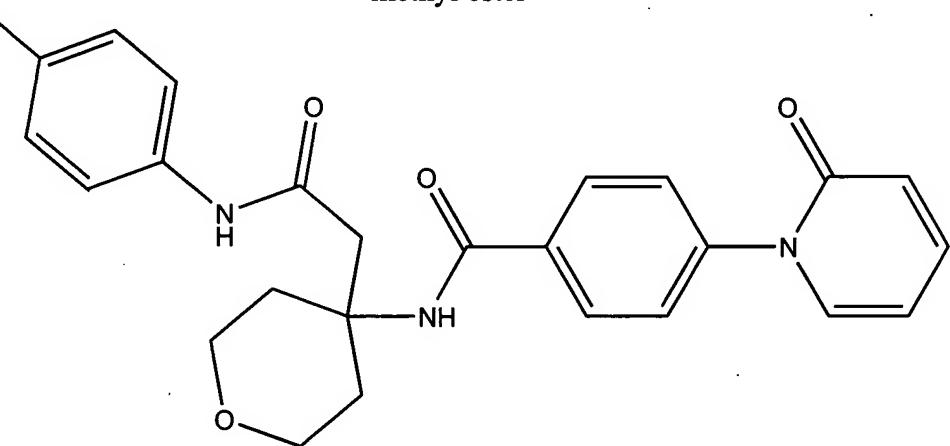
N-{4-[(4-chloro-phenylcarbamoyl)-methyl]tetrahydro-pyran-4-yl}-4-(2-oxo-2H-pyridin-1-yl)-benzamide